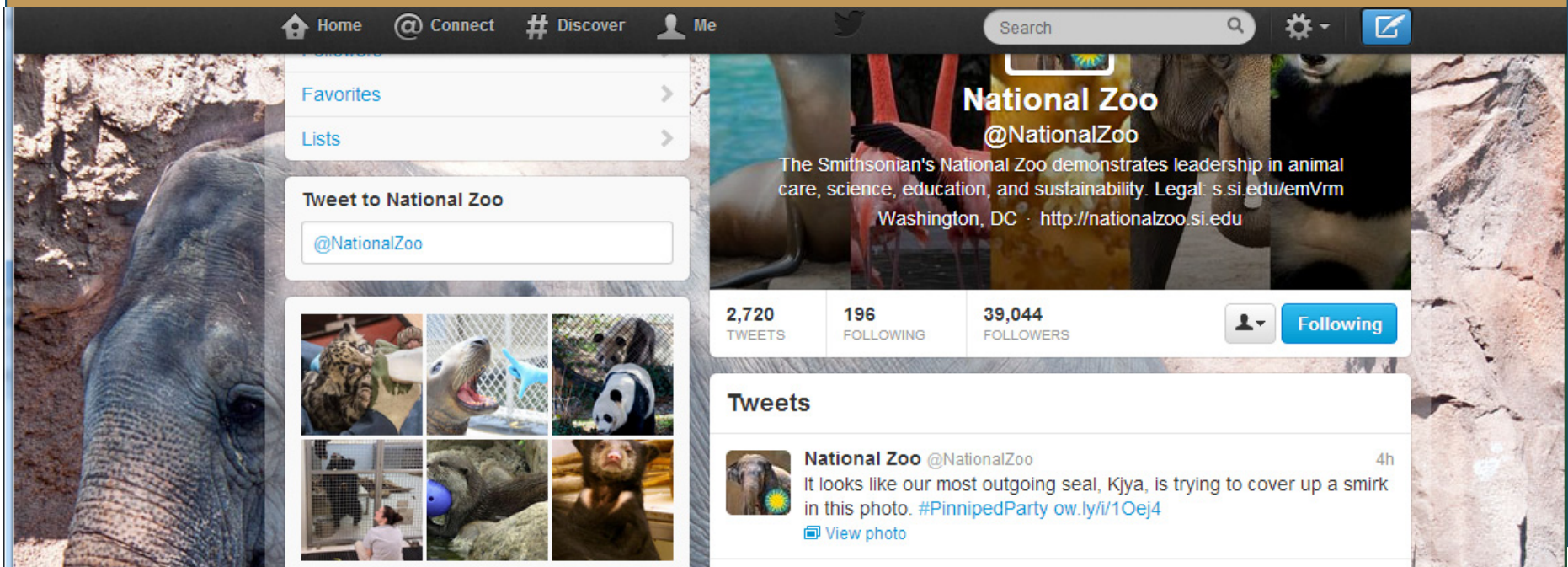


Social Media Archiving at the Smithsonian

MARAC 2013
April 26, 2013
Lynda Schmitz Fuhrig
Smithsonian Institution Archives



Home @ Connect # Discover Me

Search


National Zoo
@NationalZoo

The Smithsonian's National Zoo demonstrates leadership in animal care, science, education, and sustainability. Legal: s.si.edu/emVrm
Washington, DC · <http://nationalzoo.si.edu>

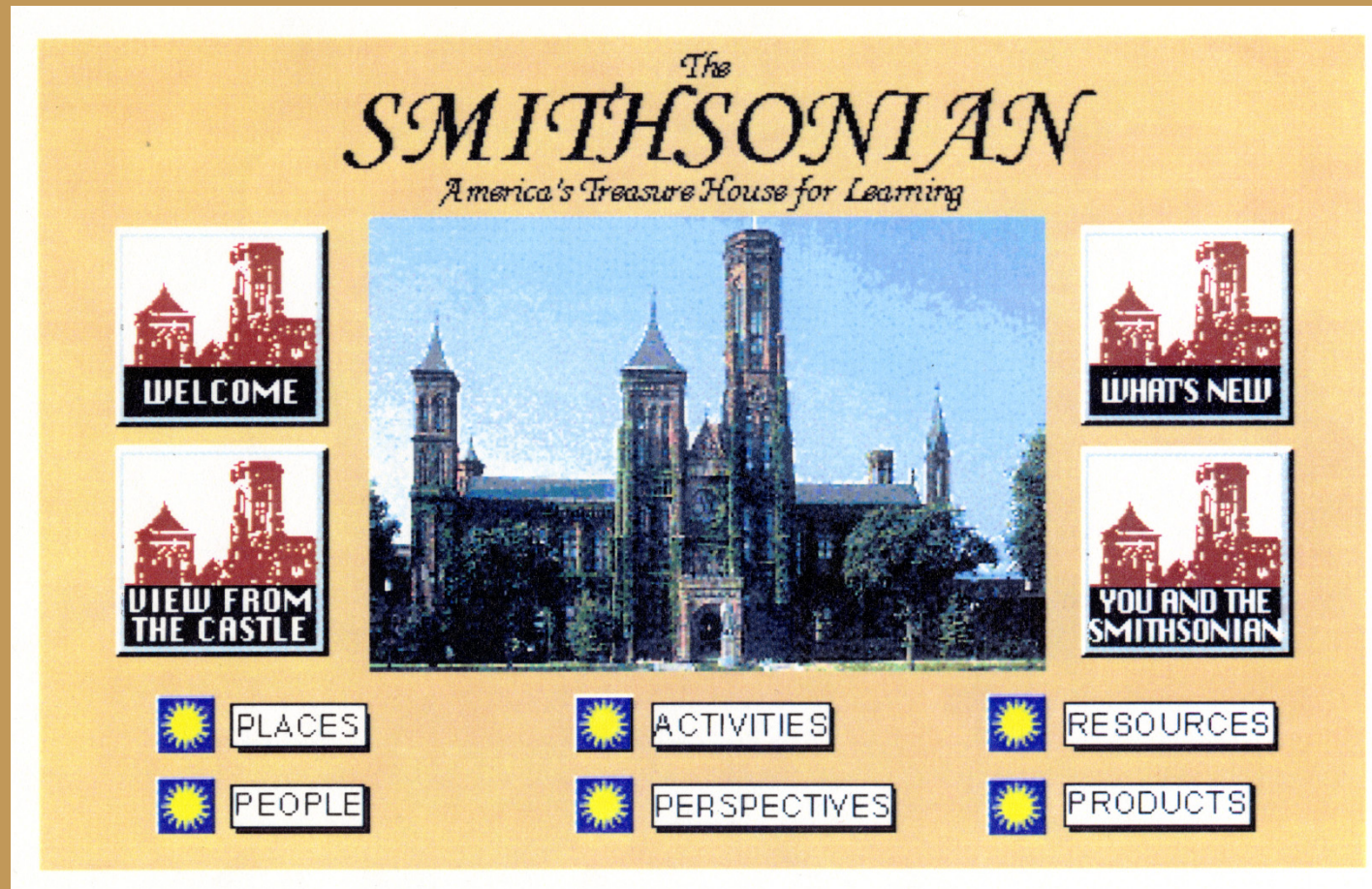
2,720 TWEETS 196 FOLLOWING 39,044 FOLLOWERS

Following

Tweets

 **National Zoo** @NationalZoo 4h
It looks like our most outgoing seal, Kija, is trying to cover up a smirk in this photo. #PinnipedParty ow.ly/i/1Oej4
[View photo](#)

Smithsonian's First Home Page, 1995



The Smithsonian Today

Smithsonian Institution Archives - Microsoft Internet Explorer provided by SINET

Seriously Amazing | Smithsonian - Mozilla Firefox

File Edit View History Bookmarks ArchiveFB Tools Help


Seriously Amazing | Smithsonian

seriouslyamazing.si.edu/#75

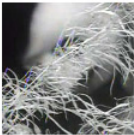

Google

Smithsonian Seriously Amazing™

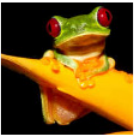

SI-Q: What has given us water from Mars and daggers from India? »





object



SI-Q: Was Dr. Seuss a wartime propagandist?



SI-Q: What exactly is "snarge"?

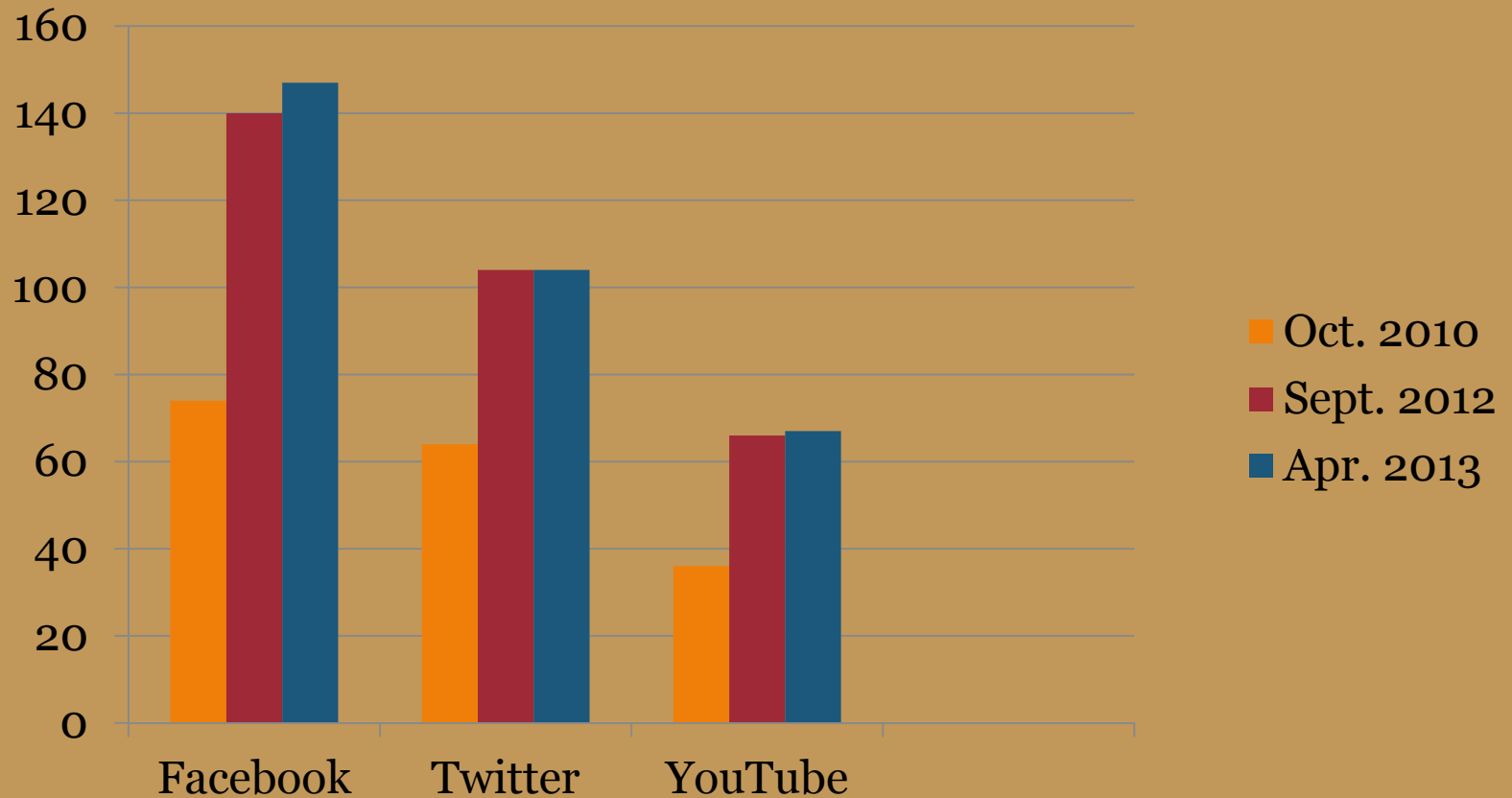


SI-Q:

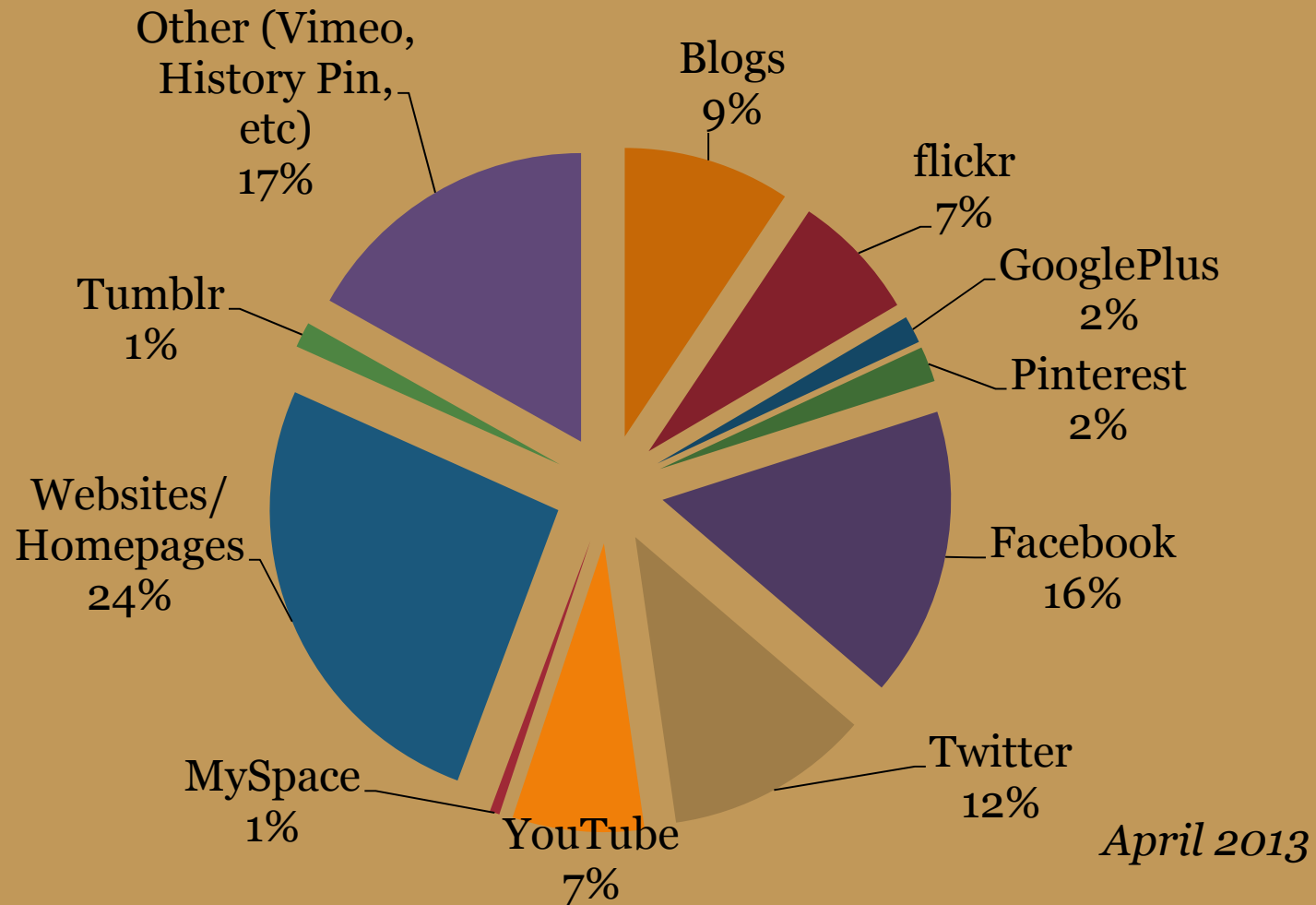
Facebook, Twitter, YouTube ... Oh My



Growth of Social Media Accounts at the Smithsonian Institution



Web and Social Media at the Smithsonian





Smithsonian Performance Dashboard

[Home](#)[Mission](#)[Access, Exhibitions & Education](#)[Social Media](#)

Mission

- ▶ Research in Grand Challenges
- ▶ Collections
- ▶ Access, Exhibitions & Education

[Visits by the Public](#)[People Served by Educational Programs](#)[Exhibitions](#)[Traveling Exhibition Venues](#)[Affiliate Organizations](#)[Unique Visitors to Websites](#)[Web Visitor Satisfaction](#)[Social Media](#)[Organizational Excellence](#)

- ▶ People
- ▶ Infrastructure
- ▶ Finances

Strategic Initiatives

- ▶ Campaign
- ▶ Open NMAAHC
- ▶ Collaboration

Social Media

1,167,672




Facebook User Likes

1,634,734

Twitter Followers

25,018,387

YouTube Views

AVAILABLE VIEWS:   

Time: Current

The compiled total taken from the two most prominent social media sites, Facebook and Twitter, of:

- The number of Facebook users who "liked" the Smithsonian units
- The total number of Twitter "followers" who are following the Smithsonian units via their (Smithsonian's) tweets

Facebook follower count is likely to be lower than the Twitter follower count because Facebook requires account profiles to represent actual people and each person can only have one account; Twitter has no such restriction.

http://twitter.com/#!/OWNEYtheDOG

File Edit View Favorites Tools Help

Favorites

B bytes KB kilobytes MB ...

Seaside

Browse file extensions star...


Suggested Sites

Web Slice Gallery

Date Duration Calculator ...


OWNEYtheDOG (owneythedog) on Twitter

Page Safety Tools



Search

Have an account? Sign in



OWNEYtheDOG

@OWNEYtheDOG

I rode Railway Mail trains in the 1890s and prevented train wrecks. Now I'm at @PostalMuseum. I love #NationalTrainDay!

Washington, DC · <http://www.npm.si.edu/owney>

Follow

3,363 TWEETS

772 FOLLOWING

1,373 FOLLOWERS

Follow OWNEYtheDOG

Full name

Email

Password

Have an account? [Sign in.](#)

Sign up

Tweets


[Following](#)


[Followers](#)


[Favorites](#)


[Lists](#)


[Recent images](#)





**OWNEYtheDOG** @OWNEYtheDOG
Arf!
[Collapse](#) [Reply](#) [Retweet](#) [Favorite](#)
8:50 PM - 24 Jun 12 via Echofon · [Details](#)


**Libby Norcross** @libbydoodle
@OWNEYtheDOG Woof!
[Expand](#)

**John Ratnaswamy** @JohnRSports
@libbydoodle @OWNEYtheDOG Bow wow!
[Expand](#)

**Libby Norcross** @libbydoodle
@JohnRSports @OWNEYtheDOG ruff!
[Expand](#)

**John Ratnaswamy** @JohnRSports
@libbydoodle @OWNEYtheDOG Yip, yip!
[Expand](#)

**OWNEYtheDOG** @OWNEYtheDOG
Can dogs tell time? Possibly not. In any case, Pontiac, IL gave me a watch fob on today's date, 1895: ow.ly/b4ppm
[Expand](#)

**OWNEYtheDOG** @OWNEYtheDOG
@MalindaAnnHill Aw! Tell her she's the best.
[View conversation](#)

© 2012 Twitter [About](#) [Help](#) [Terms](#) [Privacy](#)
[Blog](#) [Status](#) [Apps](#) [Resources](#) [Jobs](#)
[Advertisers](#) [Businesses](#) [Media](#) [Developers](#)

Can't Save Everything



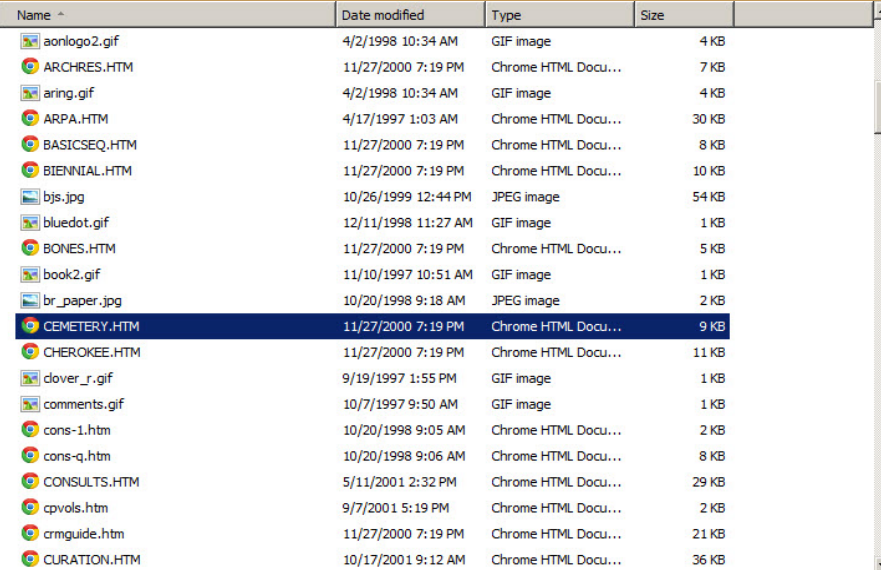
- More than 8 billion web pages
- Social media use jumped 356% in U.S. since 2006
- 100,000 tweets sent every minute
- 48 hours of video uploaded to YouTube every minute
- 152 million blogs on the web

Source: <http://thesocialskinny.com/216-social-media-and-internet-statistics-september-2012/>

Unit : Smithsonian Environmental Research Center (13)								
Unit : Smithsonian Folkways (18)								
Unit : Smithsonian Gardens (10)								
Unit : Smithsonian Institution Archives (12)								
Unit : Smithsonian Institution Archives - SI 150th (1)								
Unit : Smithsonian Institution Libraries (18)								
Unit : Smithsonian Institution Research Information System (2)								
Unit : Smithsonian Institution Traveling Exhibition Service (21)								
Smithsonian Institution Traveling Exhibition Service	Homepage	Heather Foster Shelton	http://sites.si.edu/		Yes	6/20/2011	Heritrix	Yes
Smithsonian Institution Traveling Exhibition Service	Blog	Heather Foster Shelton	http://www.shows2go.si.edu/		Yes	7/6/2011	Heritrix	Yes
Smithsonian Institution Traveling Exhibition Service	Blog	Robbie Davis	http://www.blog.museumonmainstreet.org/	Museum on Main Street - Road Reports Blog	Yes	7/6/2011	Heritrix	Yes
Smithsonian Institution Traveling Exhibition Service	Twitter	Heather Foster Shelton	http://twitter.com/sitesExhibits		Yes	09/30/2010	Searchtastic	Yes
Smithsonian Institution Traveling Exhibition Service	YouTube	Heather Foster Shelton	http://www.youtube.com/sitesExhibitions		Yes			Yes
Smithsonian Institution Traveling Exhibition Service	Facebook	Heather Foster Shelton	http://www.facebook.com/sitesExhibitions		Yes	03/08/2012, 03/02/2011	PDF	Yes
Smithsonian Institution Traveling Exhibition Service	Website	Robbie Davis or Heather Foster Shelton	http://www.museumonmainstreet.org/	Museum on Main Street	Yes	06/14/2012	Heritrix	Yes
Smithsonian Institution Traveling Exhibition Service	Facebook	Robbie Davis or Tiffany Ruhl	http://www.facebook.com/museumonmainstreet	Museum on Main Street	Yes	03/12/2012, 03/03/2012	PDF	Yes
Smithsonian Institution Traveling Exhibition Service	Twitter	Robbie Davis or Tiffany Ruhl	http://twitter.com/#!/museumonmainst	Museum on Main Street	Yes	09/30/2010	Searchtastic	Yes

Past Web Archiving Procedures

- Files transferred from central IT
- Files transferred by webmaster
- HTTrack web crawler
- Scripts used to create XHTML preservation files but very manual and time-consuming



Name	Date modified	Type	Size
aeonlogo2.gif	4/2/1998 10:34 AM	GIF image	4 KB
ARCHRES.HTM	11/27/2000 7:19 PM	Chrome HTML Docu...	7 KB
aring.gif	4/2/1998 10:34 AM	GIF image	4 KB
ARPA.HTM	4/17/1997 1:03 AM	Chrome HTML Docu...	30 KB
BASICSEQ.HTM	11/27/2000 7:19 PM	Chrome HTML Docu...	8 KB
BIENNIAL.HTM	11/27/2000 7:19 PM	Chrome HTML Docu...	10 KB
bjs.jpg	10/26/1999 12:44 PM	JPEG image	54 KB
bluedot.gif	12/11/1998 11:27 AM	GIF image	1 KB
BONES.HTM	11/27/2000 7:19 PM	Chrome HTML Docu...	5 KB
book2.gif	11/10/1997 10:51 AM	GIF image	1 KB
br_paper.jpg	10/20/1998 9:18 AM	JPEG image	2 KB
CEMETERY.HTM	11/27/2000 7:19 PM	Chrome HTML Docu...	9 KB
CHEROKEE.HTM	11/27/2000 7:19 PM	Chrome HTML Docu...	11 KB
dover_r.gif	9/19/1997 1:55 PM	GIF image	1 KB
comments.gif	10/7/1997 9:50 AM	GIF image	1 KB
cons-1.htm	10/20/1998 9:05 AM	Chrome HTML Docu...	2 KB
cons-q.htm	10/20/1998 9:06 AM	Chrome HTML Docu...	8 KB
CONSULTS.HTM	5/11/2001 2:32 PM	Chrome HTML Docu...	29 KB
cpvols.htm	9/7/2001 5:19 PM	Chrome HTML Docu...	2 KB
crmguide.htm	11/27/2000 7:19 PM	Chrome HTML Docu...	21 KB
CURATION.HTM	10/17/2001 9:12 AM	Chrome HTML Docu...	36 KB

Crawling in Heritrix

Heritrix: Admin Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print

Address http://127.0.0.1:8080/index.jsp Go

HERITRIX Status as of Jul. 27, 2011 15:54:18 GMT Alerts: no alerts

CRAWLING JOBS RUNNING job: *marine-science-pearce_rcvr_site-no-ex*

Admin Console 0 jobs pending, 106 completed 1406 URIs in 51m28s (0.45/sec)

[Console](#) [Jobs](#) [Profiles](#) [Logs](#) [Reports](#) [Setup](#) [Help](#)

Crawler Status: **CRAWLING JOBS** | [Hold](#)

Jobs	Memory
Running: <i>marine-science-pearce_rcvr_site-no-ex</i>	37553 KB used
0 pending, 106 completed	48320 KB current heap
Alerts: 0 (0 new)	260160 KB max heap

Job Status: **RUNNING** | [Pause](#) | [Checkpoint](#) | [Terminate](#)

Rates	Load
0.45 URIs/sec (0.46 avg)	0 active of 5 threads
7 KB/sec (13 avg)	1 congestion ratio
Time	292 deepest queue
51m28s elapsed	292 average depth
10m41s remaining (estimated)	

Totals

downloaded 1406	<div><div></div></div> 82%	292 queued
1698 total downloaded and queued		
41 MB crawled (41 MB novel)		

[Refresh](#)

[Shut down Heritrix software](#) | [Logout](#)

Identifier: org.archive.crawler:jmxport=8849,name=Heritrix,type=CrawlService,guiport=8080,host=sia-websites

Internet

Social Media

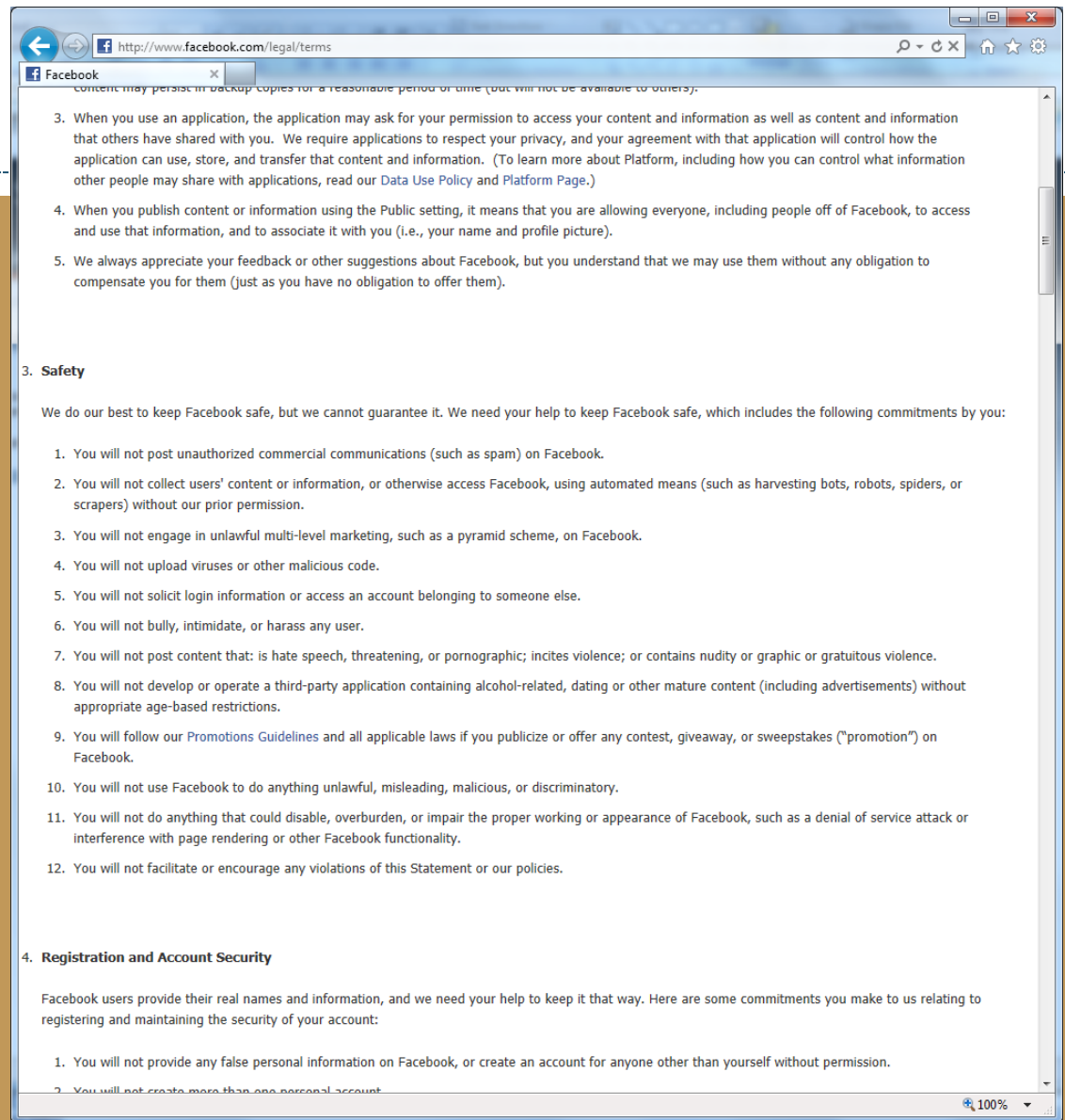


- Appraise each social media account separately
 - Accounts are used differently, even in the same application
- Appraise often
 - Accounts may be used differently over time
- Some accounts include significant original content, others are primarily a vehicle for sharing links



Terms of Service

- Read carefully
- Change frequently
- Some forbid crawling of sites



Smithsonian - Museum - Washington, DC - Résumé | Facebook - Microsoft Internet Explorer provided by SINET

http://www.facebook.com/Smithsonian/info

File Edit View Favorites Tools Help

Terms of Use Smithsonian - Microsoft Internet Explorer provided by SINET

http://si.edu/TermsOfUse#user-gen

Edit View Favorites Tools Help

Favorites B bytes KB kilobytes MB ... Seaside Browse file extensions star... Suggested Sites Web Slice Gallery Date Duration Calculator ...

Terms of Use Smithsonian

Interactive Features and User-Generated Content

The Smithsonian provides certain interactive features, such as blogs, for the exchange of ideas and information by visitors in furtherance of its mission. Accordingly, the Smithsonian encourages you to interact with its site, subject to the following conditions:

- You are solely responsible for the content that you submit.
- By posting content, you are giving the Smithsonian and those authorized by the Smithsonian permission to use it for any educational, promotional or other standard museum purpose.
- You will not post any content that is off-topic, partisan-political, contains personal attacks or expletives, or is otherwise abusive, threatening, unlawful, harassing, discriminatory, libelous, obscene, false, pornographic, or that infringes on the rights of any third party.
- You will only post content that is yours or for which you have received permission from the person or entity that owns the content and the related intellectual property rights.
- You will not insert your own or a third party's advertising or promotional content into your posting.
- You understand that the Smithsonian may monitor or review discussions, chats, postings, transmissions, bulletin boards or any other postings from time to time.
- You understand that the Smithsonian assumes no responsibility or liability arising from the posting of your content or for any error, defamation, libel, omission, obscenity, danger or inaccuracy contained in any posted information or from any failure or delay in removing such content.
- You will not introduce any software viruses, worms or other programs designed to damage software, hardware or telecommunications equipment.
- You agree that you will not collect information about the users of this website or use such information for any purpose.
- You are not under the age of 13.

The Smithsonian reserves the right to monitor content or information provided by website visitors in its sole discretion, to edit or remove any content that, in the Smithsonian's judgment, does not comply with the foregoing rules. The Smithsonian is not responsible for any user-generated content that is posted on the SI Websites or for any failure or delay in removing such content.

museums, 9 research centers, and the National Zoo. <http://www.si.edu/>

General Information

Welcome to our Facebook page! Please feel free to share thoughts about our posts, ask us questions, or tell us about your visit.

We hope you'll contribute to this interactive forum and to our ongoing conversation about the work we do to further the Smithsonian's mission to increase and diffuse knowledge.

While on-topic discussion is encouraged, we ask that you express yourself in a civil manner and treat other users with respect. The Smithsonian also monitors may remove posts consistent with its terms of use, as described at <http://si.edu/TermsOfUse#user-gen>.

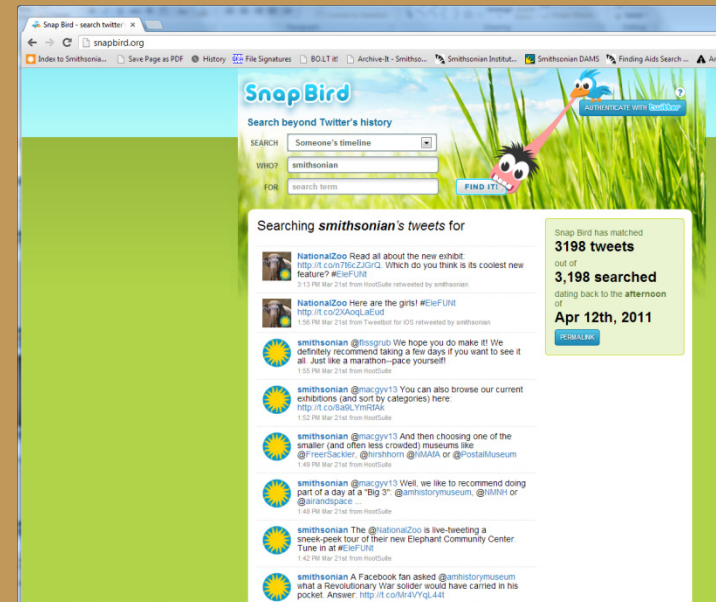
How to Save



- **Crawling is not always effective**
 - Had worked in-house with some Twitter accounts in November 2011 and then Twitter made changes
- **Some providers have their own export tool**
 - Usually need account password
 - May be proprietary
 - May not export everything
- **Third-party export tools exist for some account types**
 - Often export as spreadsheet or XML
 - Service could easily disappear
- **Screenshots are laborious but may serve as a last resort**
 - Can document “look and feel”

Archiving tools

- Facebook do it yourself within personal account
- ArchiveFacebook (Firefox plugin)
- HootSuite/TwapperKeeper
- The Archivist, SnapBird, ThinkUp, SocialBro
- Recollect.com and Tweetbook (PDF e-book)



HootSuite - Microsoft Internet Explorer provided by SINET

http://hootsuite.com/dashboard#/tabs?id=8540115

File Edit View Favorites Tools Help

HootSuite

Compose message

Welcome x smithsonian (Twitter) x OWNEYtheDOG (T

Settings

Social Networks

Archives







RSS/Atom

Account

Preferences

Themes

Archives

Archive Info	Tweets	Status	
 Keyword: #AskKaraW Created by Glenn Dixon on Jan 12, 2012	157	●	⏏
 Keyword: from:SLC_Latino Created by Lynda Schmitz Fuhrig on Jan 6, 2012	51	●	⏏
 Keyword: from:hirshhorn Created by Lynda Schmitz Fuhrig on Jan 3, 2012	152	●	⏏
 Keyword: from:amhistorymuseum Created by Lynda Schmitz Fuhrig on Dec 29, 2011	454	●	⏏
 Keyword: from:SERCinvasions Created by Lynda Schmitz Fuhrig on Dec 29, 2011	39	●	⏏
 Keyword: from:owneythedog Created by Lynda Schmitz Fuhrig on Dec 27, 2011	500	●	⏏

Total: 1,353 tweets

Download Tweets

Download All

Choose Start Date:

2011-12-27

12 : 00 AM PM UTC

Choose End Date:

2012-02-09

12 : 00 AM PM UTC

Order:

Ascending

☐ Remove RTs

View Download

from:smithsonian

smithsonian

2:37pm via HootSuite

@jennifuchs Will do. A few more of our museums might be joining shortly

smithsonian

2:36pm via HootSuite

Our @SmithsonianMag just released their new iPad app. Check it out! [ow.ly/8Xcgt](#)

smithsonian

2:24pm via HootSuite

@jennifuchs Wow! What a great list. We're looking forward to following

smithsonian

1:16pm via HootSuite

We're now on @Pinterest! [ow.ly/8X5iv](#) (& so are @ArchivesAmerArt [ow.ly/8X5md](#) & @NMNH [ow.ly/8X5po](#))

smithsonian

12:04pm via HootSuite

RT @airandspace: Science fiction (esp Jules Verne) inspired early rocket pioneers, & many of them consulted on early sci fi films: [ow.ly/8WcNm](#)

smithsonian

12:04pm via HootSuite

RT @airandspace: Jules Verne's 1865 novel "From the Earth to the Moon" feat a giant cannon in FL that fired a capsule around the Moon: [ow.ly/8Wc1v](#)

smithsonian

11:01am via HootSuite

@CommunityLI Sure thing! You can find our event calendar here: [sl.edu/events](#)

smithsonian

Feb 7, 3:45pm via HootSuite

@historical_docs It is not. It was done by a graphic design student

smithsonian

Feb 7, 1:15pm via HootSuite

You asked us questions and now we've got answers (on Hope Diamond's value, Ocean acidification & more) [ow.ly/8VCmN](#)

smithsonian

Feb 7, 10:50am via HootSuite

New research from @NMNH & @HowardU shows ancient sea cows lived in multispecies communities [ow.ly/8VaNn](#) via @OceanPortal

Stephenitis

1:58pm via Twitter for iPhone

RT @ChrisLu44: Inspirational blog post from @konrad about a true AAPI hero Fred Korematsu: [whitehouse.gov/blog/2012/02/0...](#) #smithsonian

ChrisLu44

1:47pm via Twitter for iPhone

Inspirational blog post from @konrad about a true AAPI hero Fred Korematsu: [whitehouse.gov/blog/2012/02/0...](#) #smithsonian

TheMSUMILE

1:39pm via TweetDeck

MLK Smithsonian African American Art Students from ACCE will be attending SPOTS LEFT!! Sign up at Rawlings 12

privateschl

1:19pm via Facebook

This Wednesday's enrichment link comes from the nation's attic. The Smithsonian. [fb.me/1m9UV9TJU](#)

Van_in_DC

1:15pm via web

Rats. All my pics I sent were sideways :(Those were the US Capitol, National Gallery, Smithsonian Castle, all from the National Mall

Internet | Protected Mode: Off

100%

34 Today is the museum's valentines-making workshop. Hopefully I can get some gluey quotes made by... | OWNEYtheDog.com

35 Morning, everyone!, OWNEYtheDog,165796831018762240,186201749.en,"<a href="https://www.hosts.us/OWNEYtheDog.com/

36 #mrbloobyAM Oooh! Coming here? Awesome!,199882260,OWNEYtheDog,16557741132363328,186201749.en,"<a href="https://www.hosts.us/OWNEYtheDog.com/

37 Thanks to everyone for the #FF. I love Fridays because weekends bring the most visitors. Cuts pressed against my glass

38 This is why I can't decide to root for the Giants or the Patriots: <http://t.co/hHxxQz6k1M> I'm a New Yorker and a Boston local... | OWNEYtheDog.com

39 #POPnDC You are speaking my language!,123356860,OWNEYtheDog,165515685324275713,186201749.en,"<a href="https://www.hosts.us/OWNEYtheDog.com/

40 ANOTHER dilemma! My favorite carter and the museum director love the Giants. But Boston considered me "theirs" as much as I considered them "theirs".

41 I think my Railway Mail clerk friends would also have a hard time picking who to root for in the Super Bowl. NY... Boston... | OWNEYtheDog.com

42 I'm stressing out. Can't decide who to support in the Super Bowl. I visited Brooklyn many times but also Boston. Which to pick

43 #FF to OWNEYMascot pals @Lotus_The_Hippo @SabrasBasketball @Mauricethemer @KVMUmyQM @Djehutyume @OWNEYtheDog.com

44 @nextjen Mwahhhhh!,6318622,OWNEYtheDog,16545618490675059,186201749.en,"<a href="https://www.hosts.us/OWNEYtheDog.com/

45 I traveled the US on railway mail trains and never had a wreck. So I'm good luck in your Twitter stream, too... | OWNEYtheDog.com

46 @wheres_mimi Happy FF! to you too and the rest of the #museumscats!,222250674,OWNEYtheDog,16542549272342191. | OWNEYtheDog.com

47 @squirrelhehe I like that idea. "Twitter time machines." cr @westerday_today @twetswoofold @lettersofnote 352547206 | OWNEYtheDog.com

48 #4 #4 #4 archive-epoxy-742 | OWNEYtheDog.com

[illegible]

Grabeeter



Grabeeter

Grab and Search your Tweets

[Search](#)

[Register](#)

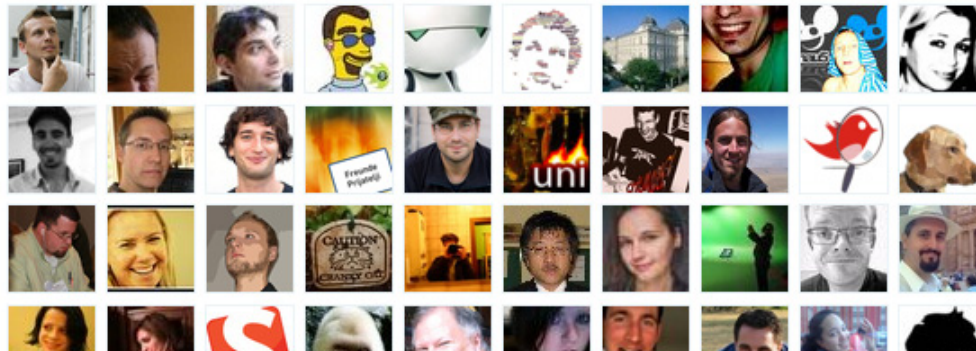
[API](#)

[FAQs](#)

[Help](#)

Search Tweets

The following you can see all the Twitter users which are currently on Grabeeter. In order to search you have to click on a specific user.



Grabeeter lets you

- ✓ Search in your Tweets
- ✓ Filter your Tweets by date
- ✓ Search in your Tweets offline using the Grabeeter Client
- ✓ Filter your tweets offline using the Grabeeter Client
- ✓ Grabeeter provides an [API](#)

Launch Grabeeter

- Developed by Graz University of Technology in Austria as research tool



Grabeeter

Grab and Search your Tweets

[Search](#)[Register](#)[API](#)[FAQs](#)[Help](#)

Search Tweets from Smithsonian

Enter your search query (web, elearning, ...):

3396 available Tweets | Page 1 of 136

« 1 2 3 4 5 » »



smithsonian @shannonnmartin You might also love their twitter!
@amhistorymuseum

Wed, 18 Apr 2012 18:54:29

[access on Twitter](#)



smithsonian @rmiofmaryland You can follow them @3D_Digi_SI!

Wed, 18 Apr 2012 17:02:22

[access on Twitter](#)



smithsonian For dentist, the narwhal's smile is a mystery of evolution



Smithsonian

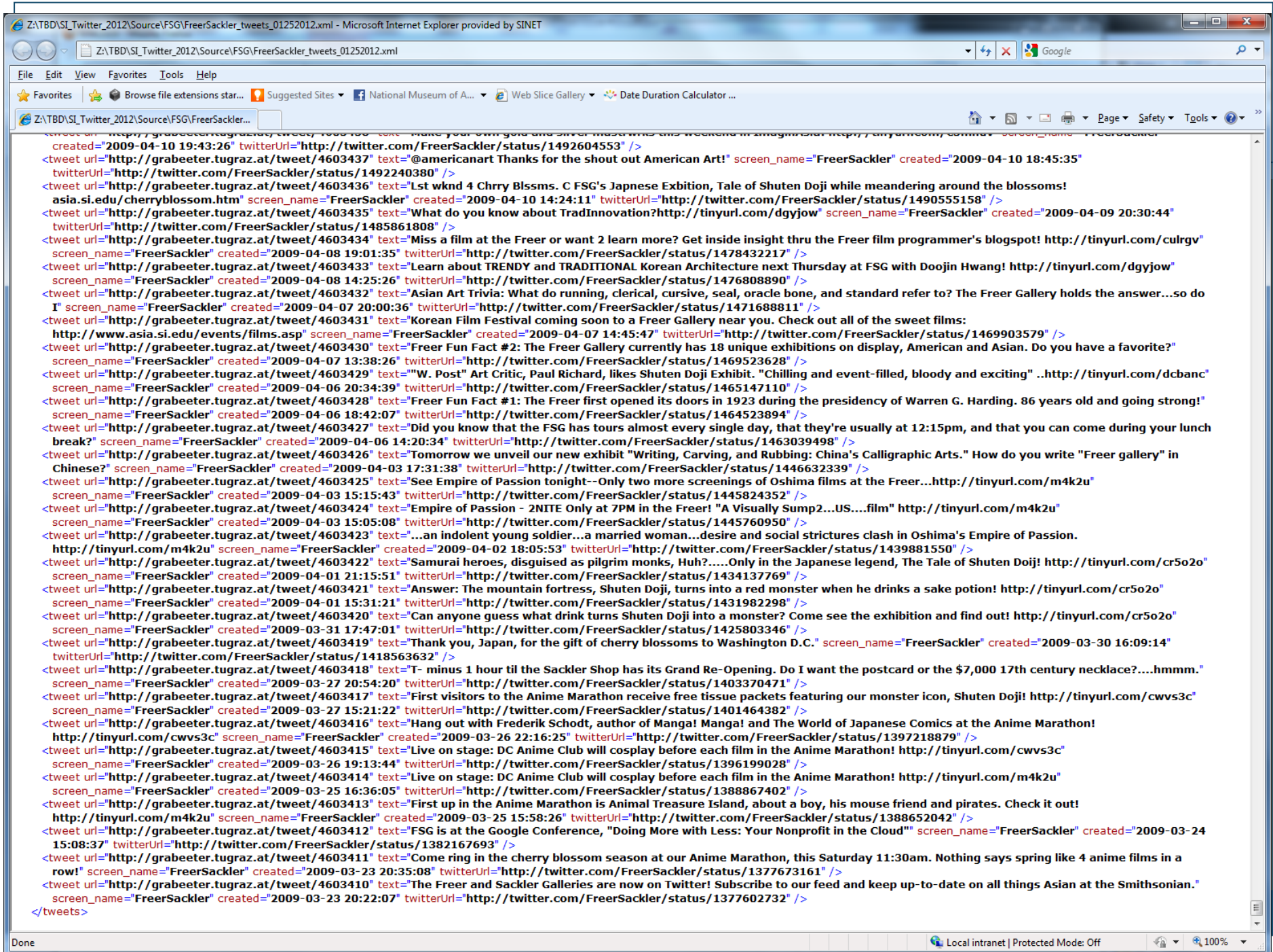
We're not a museum. We're 19 of them! Plus 9 research centers & the National Zoo. Follow your favorites

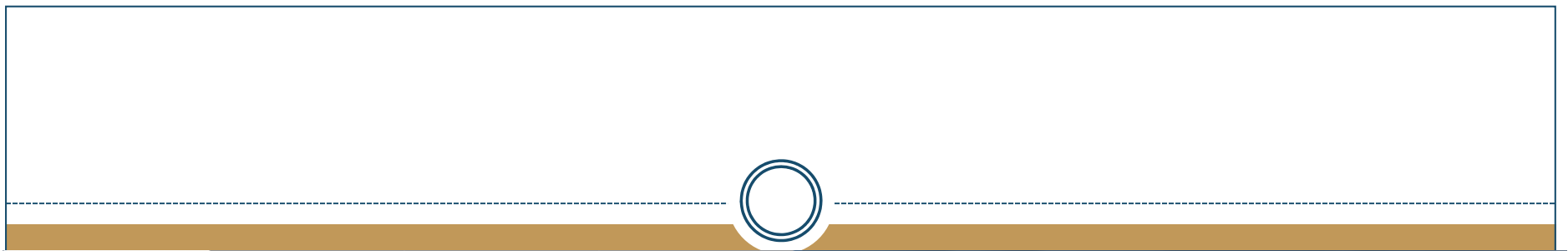
- ☒ Twitter User: smithsonian
- ☒ Tweets on Twitter: 5843
- ☒ Indexed Tweets: 3396 (58 %)
- ☒ Links: 2439 (72 %)
- ☒ Friends: 127
- ☒ Followers: 587439
- ☒ Url:
<http://si.edu/Connect/twitter>

Statistics



Internet





web.archive.org/web/20111010024250/http://grabeeter.tugraz.at/user

Archive-It - Smithso... Archive-It: Partner L... www.siarchives.si.ed... Cisco Unified Meeti...

Internet Archive Wayback Machine

Archive-It - Smithsonian Institution www.archive-it.org/organizations/660

http://grabeeter.tugraz.at/user

Go

4 captures

3 Jul 10 - 10 Oct 11

AUG OCT 10 NOV

2010 2011 2012

Close X

Help ?



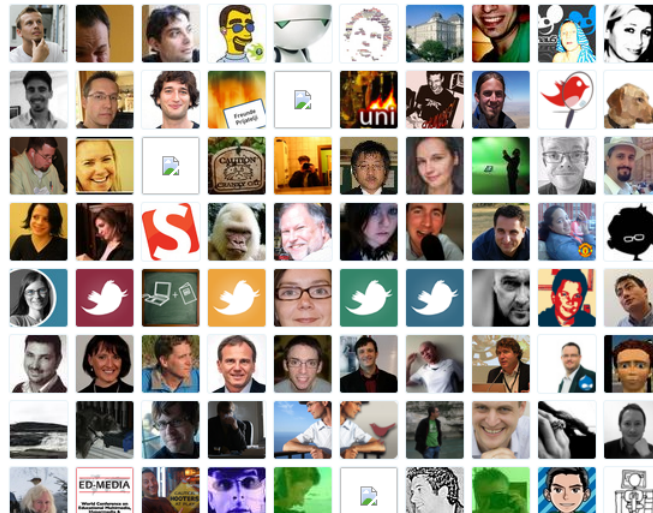
Grabeeter

Grab and Search your Tweets

[Search](#)[Register](#)[API](#)[FAQs](#)[Help](#)

Search Tweets

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Grabeeter lets you

- Search in your Tweets
- Filter your Tweets by date
- Search in your Tweets offline using the Grabeeter Client
- Filter your tweets offline using the Grabeeter Client
- Grabeeter provides an [API](#)

Launch Grabeeter

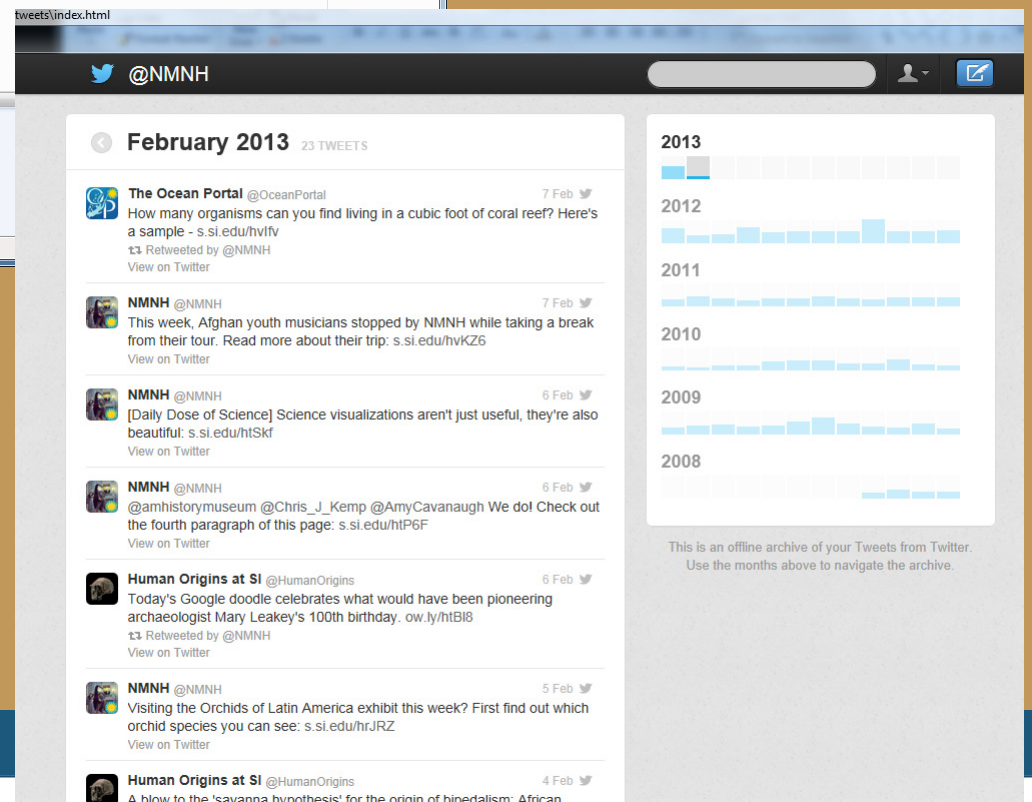
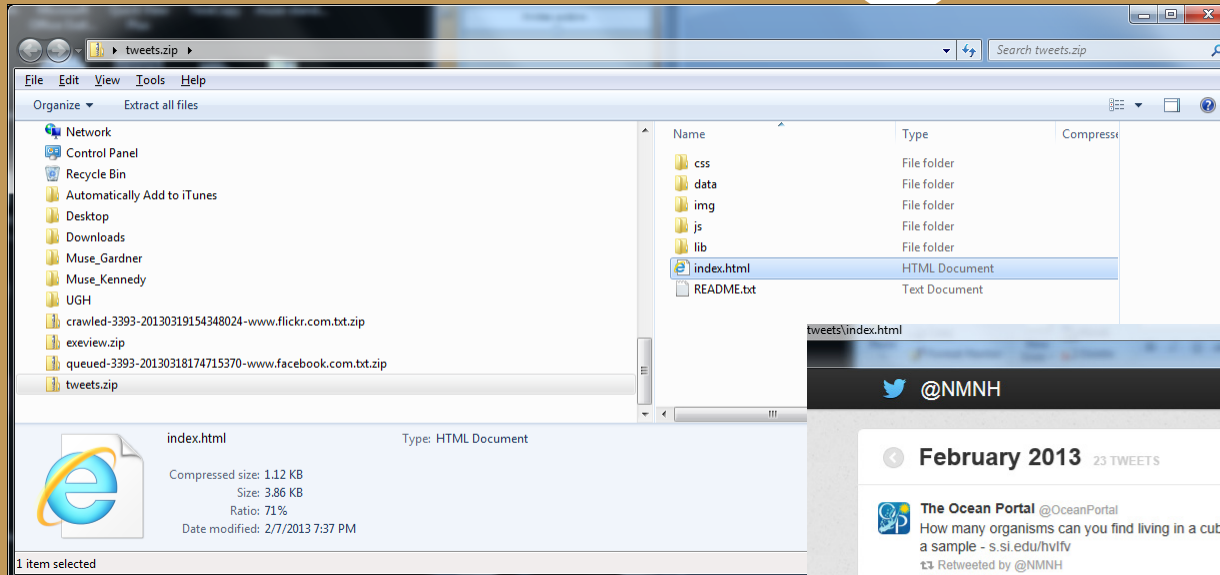
In order to launch Grabeeter Client just press the "Launch" button. This will download a JNLP File and start Grabeeter Client.



Follow us on Twitter



Twitter Archive



Archive-It Crawl of Twitter



Archive-It - Smithso... Archive-It: Partner L... www.siarchives.si.edu... Cisco Unified Meeti...

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History Explorer

@explorehistory

Resources for teaching & learning American history from the Smithsonian's Museum of American History & Verizon's thinkfinity.org.
Terms: <http://www.si.edu/Terms>
Washington, D.C. (Smithsonian) -
<http://historyexplorer.americanhistory.si.edu/>

2,092
TWEETS

626
FOLLOWING

6,262
FOLLOWERS

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- History Explorer** @explorehistory 14 Jan
Looking for resources for Digital Learning Day? Try making a virtual exhibit on our Object of History website: s.si.edu/gJL8o #dlday
Expand
- History Explorer** @explorehistory 14 Jan
Born today in 1741: Benedict Arnold. How should he be remembered? s.si.edu/gEvlG
Expand
- History Explorer** @explorehistory 13 Jan
The Tech Year Ahead from @npralltech: s.si.edu/gEuZd
[View summary](#)
- History Explorer** @explorehistory 13 Jan
Big themes in education for 2013 from @MindShiftKQED

WARC



WARC – Web ARChive file format

- **International standard – ISO 28500:2009**
- **Extension of the ARC format in use since 1996**
- **Container format**

Inside a WARC file



```
WARC/0.18
WARC-Type: response
WARC-Target-URI: http://www.smithsoniansociety.org/
WARC-Date: 2012-05-08T21:04:11Z
WARC-Payload-Digest: sha1:I7ONKBLVJVKSVDZACIQZCT6TRQGUEA
WARC-IP-Address: 160.111.252.228
WARC-Record-ID: <urn:uuid:23fd6f6a-ae33-4763-af9a-7d068c34e3bc>
Content-Type: application/http; msgtype=response
Content-Length: 12758

HTTP/1.1 200 OK
Content-Length: 12456
Content-Type: text/html
Content-Location: http://www.smithsoniansociety.org/index.html
Last-Modified: Tue, 20 Mar 2012 17:22:48 GMT
Accept-Ranges: bytes
ETag: "0e4c12be6cd1:c877"
X-Powered-By: ASP.NET
Date: Tue, 08 May 2012 19:49:41 GMT
Connection: close

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en"><!-- InstanceBegin template="/Templates/jss.dwt"
codeOutsideHTMLOutsideLocked="false" -->
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8" />
<!-- <base href="http://www.smithsoniansociety.com" /> -->
<!-- InstanceBeginEditable name="doctitle" -->
<title>The James Smithson Society</title>
<!-- InstanceEndEditable -->
<link rel="stylesheet" rev="stylesheet" href="_css/screen.css" type="text/css" media="screen, projection" />
<link rel="stylesheet" rev="stylesheet" href="_css/print.css" type="text/css" media="print" />
<!--[if IE 6]><link rel="stylesheet" href="_css/ie6.css" type="text/css" media="screen, projection" /><![endif]>-->
<!--[if IE 7]><link rel="stylesheet" href="_css/ie7.css" type="text/css" media="screen, projection" /><![endif]>-->
<script type="text/javascript" src="_js/swfobject.js"></script>
<script type="text/javascript" src="_js/jquery.js"></script>
<script type="text/javascript" src="_js/jquery.dimensions.min.js"></script>
<!-- InstanceBeginEditable name="scripts" -->
<script type="text/javascript">
```


Facebook Blast from the Past



The file you have opened complies with the PDF/A standard and has been opened read-only to prevent modification.

Smithsonian in your Neighborhood | Facebook

facebook

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Password

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Facebook helps you connect and share with the people in your life.



Smithsonian Affiliations



Wall

Info

Photos (1)

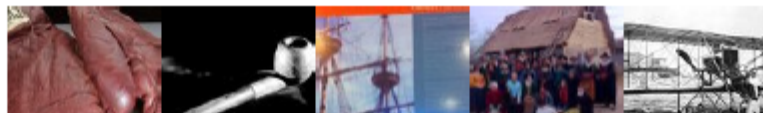
Notes

Events

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Museum/Art Gallery · Washington, DC



Wall

Everyone · Smithsonian in your Neigh...



Smithsonian in your Neighborhood

The Smithsonian Institution, MIT, and 17 Smithsonian Affiliates- including Aerospace Museum of California, Museum of the Rockies, and Kansas Cosmosphere and Space Center- collaborate to help kids decode clues in the interactive game VANISHED.



Smithsonian and MIT Partner to Turn Kids into Scientific Investigators
www.artdaily.org

B WASHINGTON, DC.- /B The Smithsonian Institution and MIT announced the April 4 launch of VANISHED, an 8-week online/offline environmental disaster

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TORCH
exciting the learning in everyone

The Torch

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Education

The Torch is the online news source for the Smithsonian community.

About



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Highlights

The Torch shared a link.
February 15

The Reddit AMA link is live! Marc Eries answers your questions

Recent Posts by Others on The Torch

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Alex Di Giovanni

Orchids are the soap opera stars of the plant world. This ...

Archive-It: Partner Login
https://partner.archive-it.org/archiveit/login.html?jsessionid=DE0666413177B17155CD603E9C9864CA?cid=640518

The Torch shared a link.
February 15

The Reddit AMA link is live! Marc Fries answers your questions about flaming rocks from space beginning at 1:30.

IAmA Smithsonian meteorite scientist. Ask me anything! : IAmA
www.reddit.com

Hi there. I'm an expert in meteors and meteorites – technically, a research associate in mineralogy at the Smithsonian's National Museum of Natural Hi...

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Recent Posts by Others on The Torch

See All

Alex Di Giovanni
@ Orchids are the soap opera stars of the plant world. This ...
January 29 at 7:27am

Alex Di Giovanni
@ Timeline Photos
1 · January 22 at 6:07pm

Alex Di Giovanni
@ Congratulations, Kathy!
1 · January 15 at 10:08am

Alex Di Giovanni
@ Get a rare glimpse of the gear Neil Armstrong wore on his ...
2 · September 6, 2012 at 7:16am

Alex Di Giovanni
@ Let's review: Do not respond to phishing e-mails, do not cl...
1 · August 16, 2012 at 6:51am

More Posts

The Torch shared a link.
February 15

Today's dramatic meteorite strike in Russia raises a lot of questions. We have the answers! Join us for our first live Reddit AMA (link to come.)



Keep watching the skies! (But don't forget to duck)
www.e-torch.org

Feb15Keep watching the skies! (But don't forget to duck)In a screen grab from video taken by a dashboard camera, a streak could be seen in the sky on a highway from Kostanai, Kazakhstan to the Chelyabinsk region in Russia. (www.ng.kz, via Associated Press)A meteorite plummeted to Earth in western Si...

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1

Anna A Klykova, Jane Beck and Hagen Hillyer like this.

Graph API Explorer

Home > Tools > Graph API Explorer

Application: [?] **Graph API Explorer**

Access Token: BAACEdEose0cBACQJBWv9gCWj4eGZCNApc2gUmR9QRlParTIKhsOJyrjHEmaxCJWKeDurAEEjxfXZAXQgflH2FBf24Ux6YTy4q2Sj0BLW

Debug

Get Access Token

Graph API FQL Query

GET

→ /Smithsonian/posts?fields=message,created_time,picture,source,caption,shares&limit=300

Submit

Learn more about new features.

Edge: Smithsonian/posts ← →

☒ limit (300)

☒ message

☒ created_time

☒ picture

☒ source

☒ caption

☒ shares

+ -----

```
{
  "data": [
    {
      "message": "Does a bear always live in the woods? Yes, unless it's a polar bear.",
      "created_time": "2013-04-12T13:00:55+0000",
      "picture": "https://fbcdn-photos-a.akamaihd.net/hphotos-ak-prn1/532011_1015163441",
      "shares": {
        "count": 68
      },
      "id": "6193904573_10151634418924574"
    },
    {
      "message": "Which U.S. President instituted the handshake as a way to greet guest",
      "created_time": "2013-04-11T13:33:37+0000",
      "picture": "https://fbexternal-a.akamaihd.net/safe_image.php?d=AQCAN2wwRcSugfKY&w",
      "caption": "www.smithsonianstore.com",
      "shares": {
        "count": 31
      },
      "id": "6193904573_196543683802849"
    },
    {
      "created_time": "2013-04-10T16:19:32+0000",
      "id": "6193904573_10151631466654574"
    },
    {
      "message": "Odori Hitori Geiko (Dance Instruction Manual)\r\n\r\nSimilar to blogg",
      "created_time": "2013-04-10T16:18:45+0000",
      "picture": "https://fbcdn-photos-f-a.akamaihd.net/hphotos-ak-prn1/551157_10151631",
      "shares": {
        "count": 53
      },
      "id": "6193904573_10151631465474574"
    }
  ]
}
```

Response received in 12117 ms

Like

Send

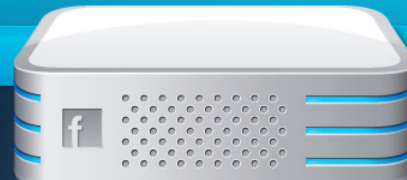
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ov.archivesocial.com/results?query.terms%5B0%5D.field=TEXT&query.terms%5B0%5D.text=history

NC State Government Web Site Archives & Access Program Social Media Archive BETA



Powered by ArchiveSocial

State of North Carolina - Search Results

These results include content captured, made, or received in the connection with the transaction of public business, including original content and any replies or posts about that content.

1 - 10 of 716 results for **history**

Sort by Relevance Descending

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Libran
Libran
(374)
NC St
Recon
Visit N
Bev P
N.C. D
Agricu
Consu
Gene
NC De
Transp
N.C. S
North
Touris
Devel
North

NC State Archives and Records Section
at Outer Banks History Center.
Jul 5, 2012

Gino Fleming
on the wrong side of history, again.
May 9, 2012

Jacob Hilt We need another Abe Lincoln to put the
South back in its place...
May 9, 2012

Bert Bertie
N Carolina, on the wrong side of history. I won't forget.
May 10, 2012

**Government & Heritage Library - part of the State
Library of North Carolina**
Free Lunchtime talk: History of the North Carolina State
Fair
Sep 15, 2011

Entry Details

Original timestamp

2012-07-05T16:47:58Z

Archive status

Digitally signed; Indexed

Source data

```
{"message":"2nd Saturdays: The  
Importance Of The Battle of  
Roanoke  
Island","id":"119904548024750_42  
9uEMh.gif","story":"at Outer  
Banks History
```

[Download data](#)

Keep an Eye Out

The image shows a web browser window displaying the WAIL website at matkelly.com/wail/#download. The website features the WAIL logo, which is a stylized black whale, and the text "WAIL Web Archiving Integration Layer One-Click User Instigated Preservation". Below this, there is a section titled "What Is It?" which describes WAIL as a graphical user interface (GUI) atop multiple web archiving tools. It lists tools included and accessible through the GUI: [Heritrix 3.1.0](#), [Wayback 1.6](#), and [warc-proxy](#). It also mentions support packages: [Apache Tomcat](#), [phantomjs](#), and [pyinstaller](#). A note states that WAIL is written mostly in Python and a small amount of JavaScript.

Below the text, there are two screenshots of the WAIL GUI. The left screenshot shows the "Basic" tab with a text input field for the URL containing <http://matkelly.com> and three buttons: "Archive Now!", "Check Archived Status", and "View Archive". The right screenshot shows the "Advanced" tab, which is divided into two sections. The top section, "Wayback Machine / Tomcat / WARC-Proxy (View Archives)", contains buttons for "Stop Tomcat Process" (with a green status indicator "Currently Enabled"), "View Wayback in Browser", and "View WARC Contents". The bottom section, "Heritrix (Create Archives)", contains buttons for "Start Heritrix Process", "Setup One-Off Crawl", and "View Heritrix in Browser". Below these sections is a text area labeled "URLs to Crawl:" containing the URLs <http://mith.umd.edu/pda2013/> and <http://www.cs.odu.edu>. At the bottom of the "Advanced" tab are buttons for "Write Heritrix Config" and "Launch Crawl".

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2,557
TWEETS

134
FOLLOWING

7,275
FOLLOWERS

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Lead threat grows for rare US birds bbc.in/11rOP3l

Expand



Migratory Bird Ctr @SMBC

Chinese H7N9 Virus Making Its Way to Labs Around the World bit.ly/YRjicm

Expand



Migratory Bird Ctr @SMBC

Forage longer for berries, study on age-related memory decline suggests bit.ly/YPGJD3

Expand



Migratory Bird Ctr @SMBC

Birds killed 'by same sticky agent' bbc.in/136yWN4

Expand



Migratory Bird Ctr @SMBC

Blue tits provide insight into climate change, bird study shows

Web Archiving Integration Layer

Basic Advanced

URL:

Archive Now!

Check Archived Status


View Archive



WARCreate - Create WARC

warcreate.com

Archive-It - Smithso... Archive-It: Partner L... www.siarchives.si.ed... Cisco Unified Meeti...



WARCreate

Google Chrome Extension

"Create WARC files from any webpage"

What is it?

WARCreate is a Google Chrome extension that allows a user to create a Web ARChive (WARC) file from any browseable webpage. The resulting files can then be used with other tools like the [Internet Archive's](#) open source [Wayback Machine](#). The tool is an evolving product with the end result pushing toward being a personal web archiving solution for those that wish to securely archive their metadata in a standardize way.

How Do I Install It?

Simply download the Google Chrome extension (.CRX) file and open the extension. Chrome should load it after confirmation but if not, just drag the file to a Chrome window and it should be handler properly.

What Are Its Features? What Features Will It Have?

The current goal of the tool is to allow a user to create WARC file from any page in a web browser. Future features consist of:

- Encoding/Encryption Support for archive content privacy •
- WARC merging - allow multiple archiving sessions to exist in a single WARC file automatically•
- [Memento](#) integration •

Where Can I Download It?

WARCreate is currently in a very heavy development cycle from all of the suggestions given at [ICDL](#). Our 1.0 publicly available release will be available soon. Please keep an eye on this page, the [Web Science and Digital Libraries Research Group's Blog](#) and/or e-mail [Mat Kelly](#) to be notified when the first feature complete version has been released.

I Found A Bug! Where Do I Report It?

Cobalt
Coming soon !

119

DAYS

0

HOURS

15

MINUTES

28

SECONDS

WEB ARCHIVING
experts
ASK
FOR SUPPORT!



WEBarchivingbucket

The "Web Archiving Bucket" is an initiative launched by Aleph Archives, to preserve data and provide libraries and organizations with free-to-use web archiving tools and components.

This initiative was launched after studying the needs in data preservation as well as the challenges encountered during not only the harvesting process but also the quality of the archives and its access time.

The Web Archiving Bucket provides set of tools to help archivists and professionals in their daily work.



32 bit

64 bit



32 bit

64 bit



32 bit

64 bit

[User Guide](#)

[WARC Software Development Kit](#)

[Download](#)

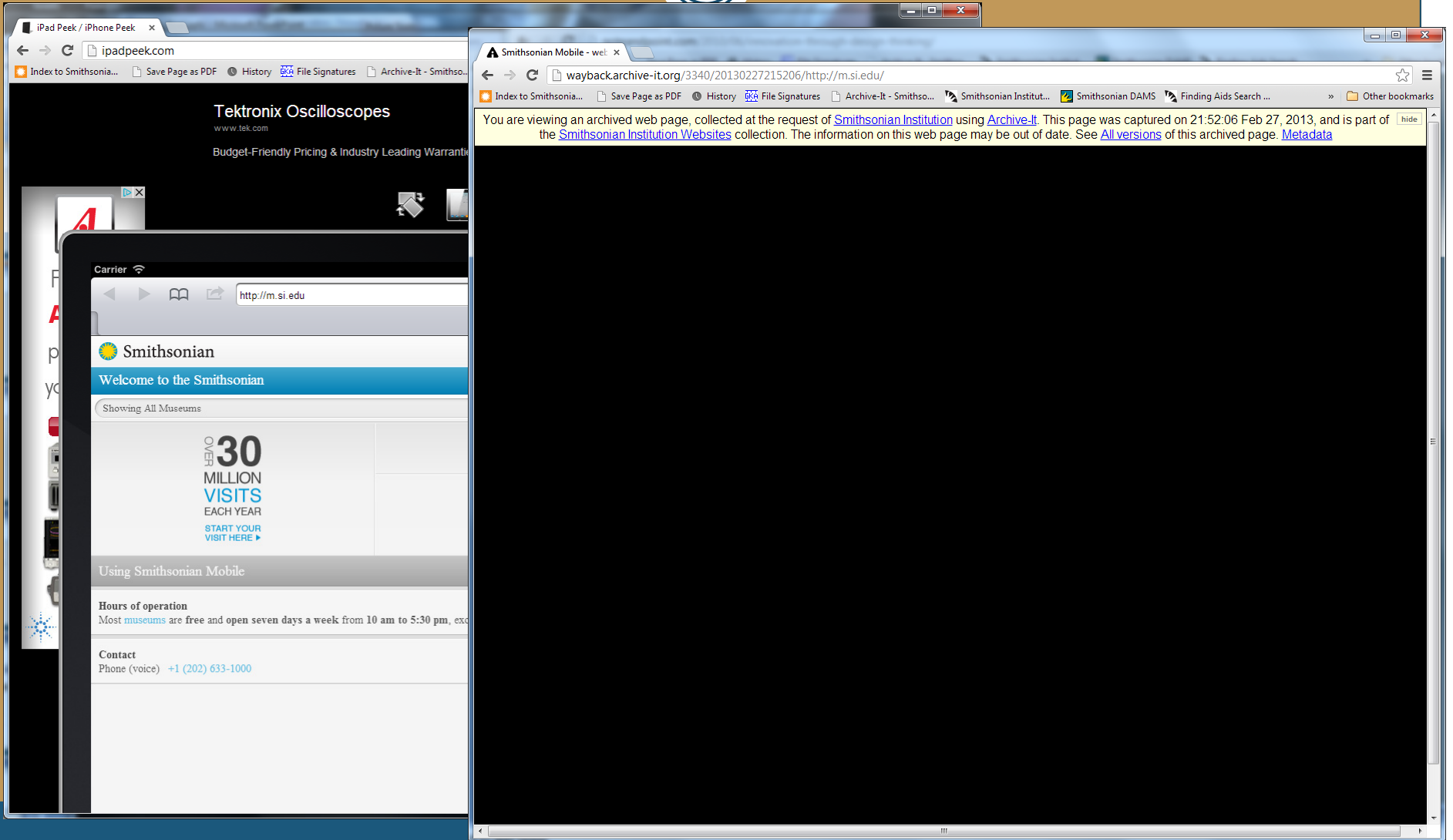
WSDK: Warc Software Development Kit

WARC Software Development Kit (WSDK) represents a set of simple, compact, and highly optimized Erlang modules to manipulate the WARC ISO 28500:2009 file format.

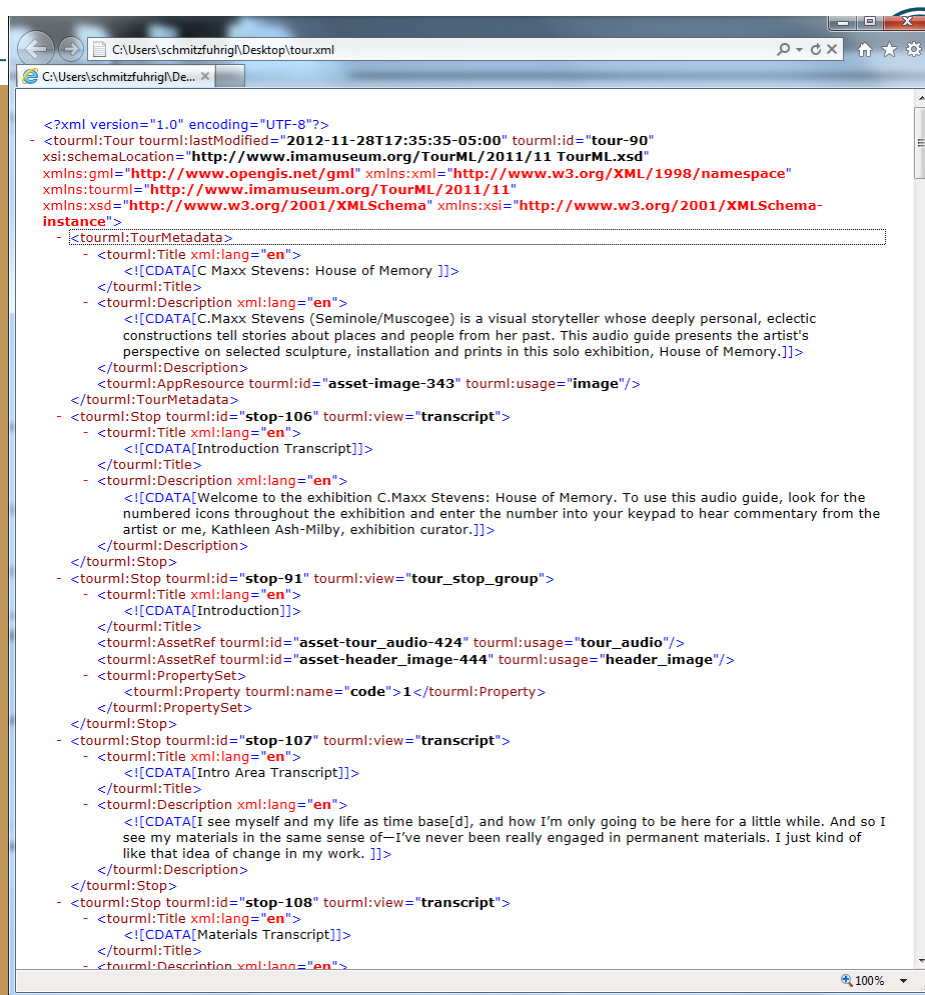
WSDK allows you to quickly build robust Web Archiving softwares in no time.

[more](#)

Other Things to Consider







Stop Group	Wichita			C Maxx Stevens: House of Memory
Transcript				C Maxx Stevens: House of Memory
Transcript				C Maxx Stevens: House of Memory
Transcript				C Maxx Stevens: House of Memory
Transcript				C Maxx Stevens: House of Memory

1 2 3 next › last »

C. Maxx Stevens (Seminole/Muscogee) is a visual storyteller whose deeply personal, eclectic constructions tell stories about places and people from her past. This audio guide presents the artist's perspective on selected sculpture, installation and prints in this solo exhibition, House of Memory.

Export TourML Export Bundle

Bundle: CMaxxStevens:HouseofMemory-bundle.zip

Title:

C Maxx Stevens: House of Memory

Splash Image:



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